



## Interstate 10 Traffic Interchange at Twin Peaks/Linda Vista

ADOT Project No. NH-010-D(AIW)  
TRACS No. 10 PM 236 H5838 01D

# DRAFT ENVIRONMENTAL ASSESSMENT AND SECTION 4(f) EVALUATION

*October 2005*



Federal  
Highway  
Administration

Arizona Department of Transportation  
Intermodal Transportation Division  
Environmental and Enhancement Group  
205 South 17<sup>th</sup> Avenue  
Phoenix, Arizona 85007

**Draft Environmental Assessment  
and Section 4(f) Evaluation**

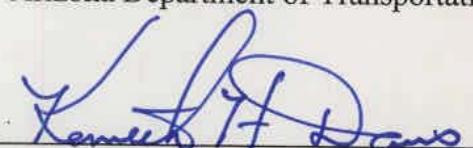
for

**Interstate 10 Traffic Interchange at Twin Peaks/Linda Vista  
Pima County, Arizona**

TRACS Project No.: 10 PM 236 H5838 01D  
Project No.: NH-010-D(AIW)

Approved by:  Date: 10/18/05

THOR ANDERSON, Manager  
Environmental and Enhancement Group  
Arizona Department of Transportation

Approved by:  Date: Oct 24, 2005

ROBERT E. HOLLIS, Division Administrator  
Federal Highway Administration

*This environmental assessment has been prepared in accordance with provisions and requirements of Chapter 1, Title 23 USC, 23 CFR Part 771, relating to the implementation of the National Environmental Policy Act of 1969.*

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## List of Acronyms

AASHTO	American Association of State Highway and Transportation Officials
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disabilities Act
ADEQ	Arizona Department of Environmental Quality
ADOA	Arizona Department of Agriculture
ADOT	Arizona Department of Transportation
ADT	average daily traffic
ADWR	Arizona Department of Water Resources
AGFD	Arizona Game and Fish Department
AMA	Active Management Area
ANPL	Arizona Native Plant Law
a.s.l.	above sea level
ASM	Arizona State Museum
AT&T	AT&T Communications
AZPDES	Arizona Pollutant Discharge Elimination System
BE	Biological Evaluation
BLM	Bureau of Land Management
BMP	Best Management Practices
CAA	Clean Air Act Amendments
CEQ	Council on Environmental Quality
CFPO	Cactus Ferruginous Pygmy-owl
CFR	Code of Federal Regulations
CHU	Critical Habitat Unit
CMID	Cortaro-Marana Irrigation District
CO	Carbon monoxide
Corps	U.S. Army Corps of Engineers
CWA	Clean Water Act
dB	decibel
dBA	A-weighted sound level in decibels
DCR	Design Concept Report
DOI	Department of the Interior
EA	Environmental Assessment
EEG	Environmental & Enhancement Group
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FEA	Final Environmental Assessment
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Maps

FONSI	Finding of No Significant Impact
GMP	General Management Plan
I-10	Interstate 10
I10F#	Noise receiver location along I-10 and the frontage roads
IO	Isolated occurrence
LWCFA	Land and Water Conservation Fund Act
Leq(h)	Energy equivalent level over a one hour period
LOS	Level of Service
LUST	leaking underground storage tanks
LVR#	Noise receiver location along Linda Vista Boulevard
MP	Milepost
mph	miles per hour
N/A	not applicable
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NAP	Noise Abatement Policy
NEAP	Natural events action plan
NEPA	National Environmental Policy Act
NO <sub>2</sub>	Nitrogen dioxide
NPPO	Native Plant Preservation Ordinance
NPPP	Native Plant Preservation Plan
NPS	National Park Service
NR#	Noise receiver located along the north side of Twin Peaks Road
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
O <sub>3</sub>	Ozone
PAG	Pima Association of Governments
PCDOT&FCD	Pima County Department of Transportation and Flood Control District
PDEQ	Pima County Department of Environmental Quality
PISA	Preliminary Initial Site Assessment
PM <sub>10</sub>	Particulate matter less than 10 microns in aerodynamic diameter
PM <sub>2.5</sub>	Particulate matter less than 2.5 microns in aerodynamic diameter
ppm	Parts per million
RAC	rubberized asphaltic concrete
RCBC	reinforced concrete box culvert
RCP	reinforced corrugated pipe
RS#	Noise receiver location along the south side of Twin Peaks Road
RTP	Regional Transportation Plan
R/W	Right-of-way
SDCP	Sonoran Desert Conservation Plan
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SNP	Saguaro National Park

SO <sub>2</sub>	Sulfur dioxide
SPUI	Single Point Urban Interchange
SR	State Route
SWPPP	Storm Water Pollution Prevention Plan
TAC	Technical Advisory Committee
TAPA	Tucson Air Planning Area
TEA-21	Transportation Equity Act for the 21 <sup>st</sup> Century
TEP	Tucson Electric Power
TI	traffic interchange
TRDN	Tres Rios del Norte
UPRR	Union Pacific Railroad
U.S.	United States
USC	United States Code
USFWS	U.S. Fish and Wildlife Service
UST	underground storage tanks
VIR	Visual Impact Rating
Vpd	Vehicles per day
µg/ m <sup>3</sup>	Micrograms per cubic meter